

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-6 (Canceled).

Claim 7 (New): An electricity-generating installation on board a motor vehicle, comprising:

a fuel-cell stack provided with at least one orifice for evacuation of residual gases, which are composed mainly of air and water vapor and which are discharged into an evacuation conduit in which there is disposed a condenser that liquefies the water vapor;

a compressor interposed upstream from the condenser, the liquid water being diverted from the evacuation conduit to a liquid water circuit,

wherein the compressor compresses the residual gases such that a dew point temperature of the water vapor is higher than a temperature of the condenser.

Claim 8 (New): An installation according to claim 7, further comprising a turbine interposed in the evacuation conduit downstream from the condenser and which drives the compressor.

Claim 9 (New): An installation according to claim 8, wherein the turbine and the compressor comprise a turbine compressor.

Claim 10 (New): An installation according to claim 7, further comprising a reformer, which feeds the fuel-cell stack with fuel and which discharges the exhaust gases under pressure and injects the exhaust gases into the turbine.

Claim 11 (New): A method for electricity generation on board a motor vehicle, equipped with a fuel-cell stack, the method comprising:

liquefying water vapor by a condenser disposed in an evacuation conduit into which residual gases are discharged via at least one orifice for evacuation of the residual gases, the residual gases being composed mainly of air and water vapor;

diverting the liquid water from the evacuation conduit to a liquid water circuit; and compressing the residual gases by the compressor such that a dew point temperature of the water vapor is higher than a temperature of the condenser.

Claim 12 (New): A vehicle comprising:

an electricity-generating installation according to claim 7.